

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re: Patent application of : Attorney Docket No.:  
Scott W. Huffer : 9325-58 (153520)  
Serial No.: not yet assigned : Group Art Unit:  
Filed: herewith : not yet assigned  
For: EB PATTERN PROFILE PRINTING : Examiner:  
Not yet assigned

JCE11 U.S. PTO  
10/037271  
11/07/01

INFORMATION DISCLOSURE STATEMENT

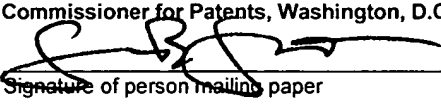
Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

This is an Information Disclosure Statement being submitted pursuant to 37 C.F.R. §1.56. This statement, the attached copy of the references cited and the copies of PTO Form 1449 are being submitted herewith in accordance with 37 C.F.R. §§1.97-1.98.

This statement is being filed with the application for patent.

If any fee is deemed to be applicable to the filing of this document, please charge Deposit Account No. 50-0573 and credit any overcharge to the same deposit account.

<p align="center"><b>CERTIFICATE OF MAILING</b> <b>UNDER 37 C.F.R. 1.10</b></p> <p>EXPRESS MAIL Mailing Label Number: <u>EL 884477916 US</u> Date of Deposit: <u>11/7/01</u></p> <p>I hereby certify that this correspondence, along with any paper referred to as being attached or enclosed, and/or fee, is being deposited with the United States Postal Service, "EXPRESS MAIL - POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10, on the date indicated above, and addressed to: Commissioner for Patents, Washington, D.C. 20231.</p> <p align="center"> Signature of person mailing paper</p> <p align="center"><u>STEPHEN B. SCHOTT</u> Type or print name of person</p>
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The following references are noted as being potentially relevant to the subject matter of the present application:

U.S. Pat. No. 6,147,662 to Grabau et al. discloses creating an RFID element by pattern printing a conductive ink antenna on a substrate and connecting the antenna to an RFID chip. There is no mention of the surface tension additive or EB processing a surface.

U.S. Pat. Nos. 4,898,648; 5,505,320; 5,639,391; and 6,008,774 to Cusano, Burns et al., Person, and Wu et al. respectively, teach laser ablating a pattern on a substrate and then forming an antenna or circuit within the ablated pattern.

U.S. Pat. No. 6,146,032 to Dunham discloses application of a ridged overlayer over printed ink in order to create a "ghosting" image.

U.S. Pat. No. 5,982,545 to Su teaches making diffractive optical elements on a surface by forming two layers on a surface: a refractive index distribution layer and a spinning coated photoresist layer. Thereafter a dry ion beam etching process forms a pattern on the substrate.

U.S. Pat. No. 5,944,356 to Bergmann et al. discloses an additive incorporated into a film for absorbing laser energy. When the laser contacts the additive containing regions of the film, the film changes tint, thereby forming a pattern.

The following additional references may potentially be considered of interest to the present application:

#### U.S. Patents

3,134,892	4,970,129	5,968,607
3,647,959	4,973,656	6,043,936
3,750,117	5,003,915	6,087,940
4,269,473	5,005,872	6,066,378
4,329,409	5,013,494	6,222,157 B1*
4,330,604	5,058,992	
4,748,452	5,085,514	
4,758,296	5,106,126	
4,842,633	5,122,813	
4,856,857	5,633,735	
4,857,425	5,654,782	
4,933,120	5,716,682	
4,933,218	5,838,468	

\*application


If there are any questions concerning this statement or the references cited, please contact the below-named attorney.

It is respectfully submitted that the Examiner review the above-identified references and make them of record in the instant application as required by M.P.E.P. § 609. It is also requested that the Examiner initial the enclosed duplicate substitute form 1449 and return one copy to the Applicants' undersigned representative.

Respectfully submitted,

SCOTT W. HUFFER

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